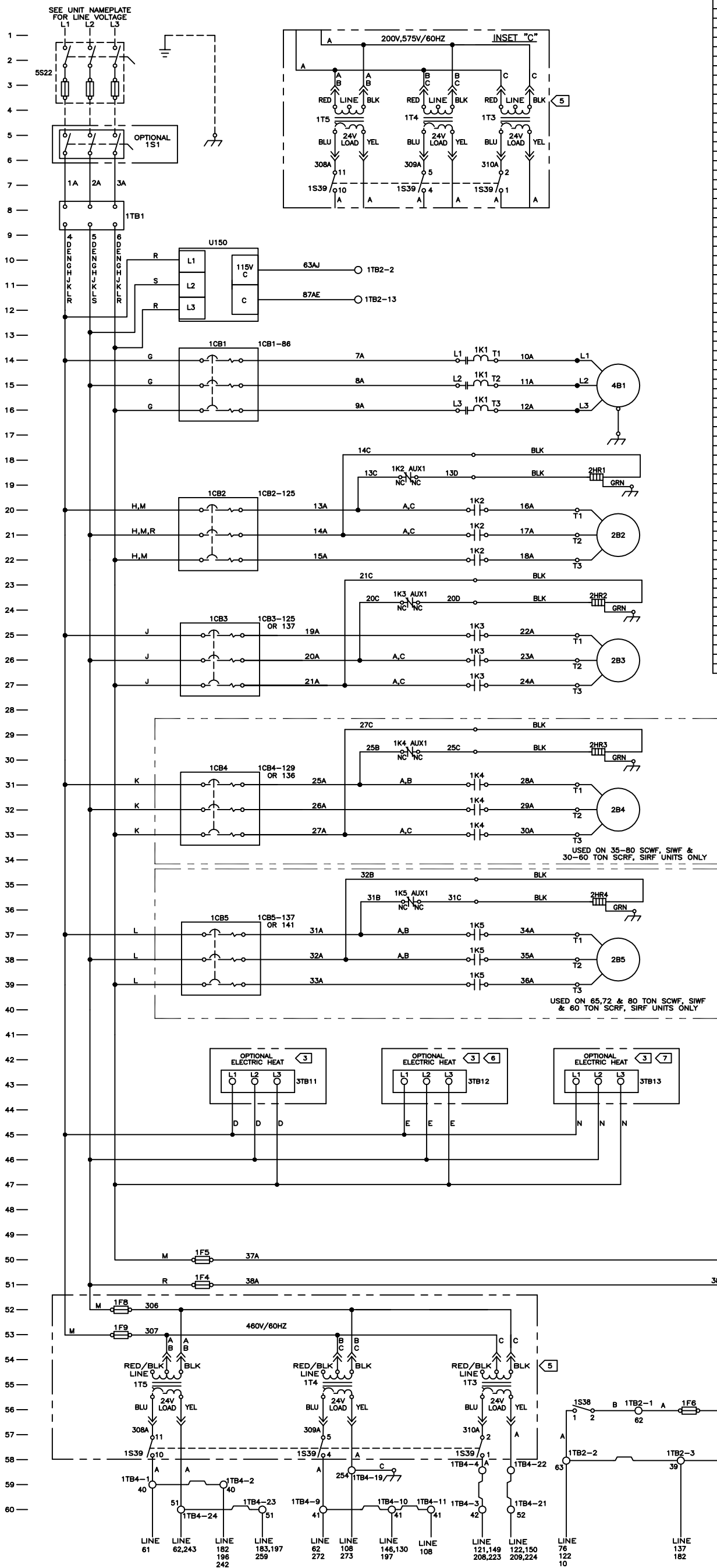
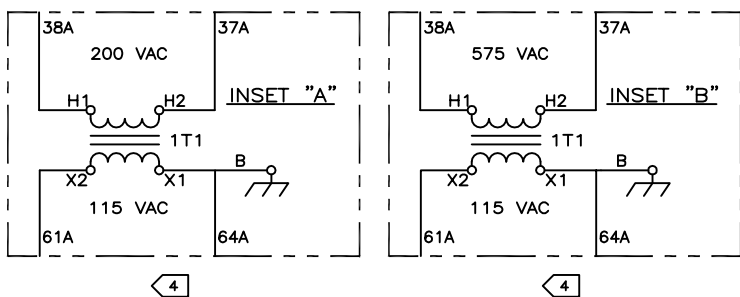




LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1CB1	SUPPLY FAN CIRCUIT BREAKER	14
1CB2,3,4,5	COMPRESSOR CIRCUIT BREAKERS	20,25,31,37
1DL1	TIME DELAY RELAY	141,160
1DL2	TIME DELAY RELAY	145,164
1F4,5	TRANS. PRIMARY FUSE	50,51
1F6	TRANS. SECONDARY FUSE	56
1F8,9	TRANS. PRIMARY FUSE	52,53
1K1	SUPPLY FAN STARTER	86
1K2	COMPRESSOR CONTACTOR	123,124,154
1K3	COMPRESSOR CONTACTOR	127,136,158
1K4	COMPRESSOR CONTACTOR	128,135
1K5	COMPRESSOR CONTACTOR	140
1K7	FAN RUN REQUEST RELAY	87
1S1	DISCONNECT SWITCH	5
1S38	115V CONTROL CIRCUIT SWITCH	56
1S39	24V CONTROL CIRCUIT SWITCH	57
1T1	CONTROL POWER TRANS. (115V)	10,54
1T3,4,5	CONTROL POWER TRANS. (24V)	55
1TB1	LINE VOLTAGE TERMINAL BLOCK	8
1TB2,3	115VAC FACTORY TERMINAL BLOCK	
1TB4	24VAC FACTORY TERMINAL BLOCK	
1TB5	24VDC FACTORY TERMINAL BLOCK	
1TB6	115VAC FIELD TERMINAL BLOCK	
1TB7,11	24VAC FIELD TERMINAL BLOCK	
1TB8,10	24VDC FIELD TERMINAL BLOCK	
1TB9	115VAC FIELD TERMINAL BLOCK	
1TB12	COMM. FACTORY TERMINAL BLOCK	
1U10	TIME CLOCK	111
1U32	RTM MODULE	61
1U33	MULTIPLE CIRCUIT MODULE	121
1U34	HEAT MODULE	182,196
1U35	GENERIC BAS MODULE	223
1U36	COMPARATIVE ENTHALPY MODULE	242
1U37	VENTILATION OVERRIDE MODULE	258
1U38	INTERPROCESSOR COB BRIDGE	279
1U40	INTERCOMPARATION MODULE	208
1U41	WATER-SIDE MODULE	149
1U42	HUMAN INTERFACE MODULE	286
1U43	TRACER/LCI-- COMM. INTERFACE	272
1U44	BACNET COMM. INTERFACE (BCI--I)	272
1U48	PRESSURE TRANSDUCER	93
1U49	PRESSURE TRANSDUCER (VCM)	211
1U50	PHASE MONITOR	10
2B2,3	A & B COMPRESSOR	21,26
2B4,5	COMPRESSOR C & D	32,38
2HR1	CRANKCASE HEATER	19
2HR2	CRANKCASE HEATER	24
2HR3	CRANKCASE HEATER	30
2HR4	CRANKCASE HEATER	35
2RT11	ENT. CONDENSER WATER TEMP.	151
2RT14	SAT. CONDENSER TEMP. CKT.1	127
2RT15	SAT. CONDENSER TEMP. CKT.2	139
2RT16	SAT. CONDENSER TEMP. CKT.3	153
2RT17	SAT. CONDENSER TEMP. CKT.4	164
2RT18	ENT. WATER TEMP. SENSOR	161 OR 162
2S2	HIGH PRESSURE CUTOOUT CKT.1	124,125,156
2S3	HIGH PRESSURE CUTOOUT CKT.2	126,137,158
2S4	HIGH PRESSURE CUTOOUT CKT.3	129,137
2S5	HIGH PRESSURE CUTOOUT CKT.4	137,141
2S6	WATER FLOW SWITCH	158 OR 159
2S18	LOW PRESSURE CUTOOUT CKT.1	125
2S19	LOW PRESSURE CUTOOUT CKT.2	137
2S20	LOW PRESSURE CUTOOUT CKT.3	132
2S21	LOW PRESSURE CUTOOUT CKT.4	144
2U5	ECONOMIZER VALVE ACTUATOR	151
2U43	BYPASS VALVE ACTUATOR	155
3L2	CALIBRATION SOLENOID	210
3TB11	ELECTRIC HEATER CONNECTION	43
3TB12	ELECTRIC HEATER CONNECTION	43
3TB13	ELECTRIC HEATER CONNECTION	43
3TB14	ELECTRIC HEATER CONNECTION	185,186
4B1	SUPPLY FAN MOTOR	15
4EP1	REFRIGERANT SOLENOID VALVE	142,161
4EP2	REFRIGERANT SOLENOID VALVE	143,162
4RT1	SUPPLY AIR TEMP. SENSOR	91
4RT10	EVAP. TEMP. SENSOR CKT.4	179
4RT11	AUX. TEMP. SENSOR	213
4RT4	EVAP. TEMP. SENSOR	174
4RT7	EVAP. TEMP. SENSOR CKT.1	123
4RT8	EVAP. TEMP. SENSOR CKT.2	135
4RT9	EVAP. TEMP. SENSOR CKT.3	177
4S8	DIRTY FILTER SWITCH	117
4S17	RETURN AIR HIGH TEMP. LIMIT	106
4S40	ENT. AIR LOW TEMP. LIMIT	168
4S41	ENT. AIR LOW TEMP. LIMIT	204
4S42	SUPPLY AIRFLOW PROVING SWITCH	113
4S43	HYD. HEAT LEAVE AIR TEMP. LIMIT	198
4S44	ENT. AIR LOW TEMP. LIMIT	168
4U7	INLET GUIDE VANE ACTUATOR	68
5RT5	MORNING WARM-UP SENSOR	186,201
5RT19	OUTDOOR AIR TEMP. SENSOR	100
5RT20	RETURN AIR TEMP. SENSOR	251
5S16	SUPPLY AIR HIGH TEMP. LIMIT	106

[illegible]

NOTICE

USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT
OTHER TYPES OF CONDUCTORS.
FAILURE TO DO THE ABOVE COULD RESULT IN
EQUIPMENT DAMAGE.

AVIS

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!
LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES
POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.
FAIRE DÉFAUT À LA PROCÉDURE CI-DESSUS PEUT
ENTRAÎNER DES DOMMAGES À L'ÉQUIPEMENT.

AVISO

UTILICE ÚNICAMENTE CONDUCTORES DE COBRE.
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS
PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.
NO SEGUIR LAS INSTRUCCIONES ANTERIORES PUEDE
PROVOCAR DAÑOS EN EL EQUIPO.

 WARNING

HAZARDOUS VOLTAGE!

DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE, REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE.

FAILURE TO DO THE ABOVE BEFORE
SERVICING COULD RESULT IN DEATH OR
SERIOUS INJURY.

⚠ AVERTISSEMENT

TENSION DANGEREUSE!
COUPER TOUTES LES TENSIONS ET
OUVRIR LES SECTIONNEURS A DISTANCE,
PUIS SUIVRE LES PROCÉDURES DE
VERROUILLAGE ET DES ÉTIQUETTES AVANT
TOUTE INTERVENTION. VÉRIFIER QUE TOUTS
LES CONDENSATEURS DES MOTEURS SONT
DÉCHARGÉS. DANS LE CAS D'UNITÉS
COMPORTANT DES ENTRAÎNEMENTS À
VITESSE VARIABLE, SE REPORTER AUX
INSTRUCTIONS DE L'ENTRAÎNEMENT POUR
DÉCHARGER LES CONDENSATEURS.

NE PAS RESPECTER CES MESURES DE
PRÉCAUTION PEUT ENTRAÎNER DES
BLESSURES GRAVES POUVANT ÊTRE
MORTELLES.

 ADVERTENCIA

¡VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERGÍA ELÉCTRICA,
INCLUSO LAS DESCONEXIONES REMOTAS Y
SIGA LOS PROCEDIMIENTOS DE CIERRE Y
ETIQUETADO ANTES DE PROCEDER AL
SERVICIO. ASEGÚRESE DE QUE TODOS
LOS CAPACITORES DEL MOTOR HAYAN
DESCARGADO EL VOLTAJE ALMACENADO.
PARA LAS UNIDADES CON EJE DE
DIRECCIÓN DE VELOCIDAD VARIABLE,
CONSULTE LAS INSTRUCCIONES PARA LA
DESCARGA DEL CONDENSADOR.

EL NO REALIZAR LO ANTERIORMENTE
INDICADO, PODRÍA OCASIONAR LA MUERTE
O SERIAS LESIONES PERSONALES.

DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	UNIT CONTROL PANEL
2	COMPRESSOR SECTION
3	ELECTRIC HEATER CONTROL PANEL
4	SUPPLY FAN & COIL SECTION
5	FIELD INSTALLED DEVICE
6	STEAM/HOT WATER HEAT SECTION
7	INVERTER CONTROL PANEL
8	REMOTE AIR COOLED COND SECTION (CCRC)

NOTES:

- 1 UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25°C (77°F), AT ATMOSPHERIC PRESSURE, AT 100% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
- 2 DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS, DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINES INDICATE WIRING BY TRANE CO.
- 3 WIRING SHOWN IS FOR FACTORY INSTALLED ELECTRIC HEAT OPTION ONLY. FOR THE REMAINDER OF ELECTRIC HEAT OPTION, REFER TO THE ELECTRICAL SCHEMATIC DIAGRAM LOCATED ON HEATER CONTROL PANEL.
- 4 CONNECTIONS SHOWN TO TRANSFORMER 171 ARE FOR 460V OPERATION. SEE INSET "A" FOR 200V. SEE INSET "B" FOR 575V.
- 5 CONNECTIONS SHOWN TO TRANSFORMERS 173, 174, & 175 ARE FOR 460V OPERATION. SEE INSET "C" FOR 200/575V.
- 6 TERMINAL BLOCK 37B12 PRESENT ONLY ON SCWF, SIWF 35-80 TN AND SCRF, SIWF 30-60 TN UNITS WITH 200V ELECTRIC HEATERS.
- 7 TERMINAL BLOCK 37B13 PRESENT ONLY ON SCWF, SIWF 35-80 TN AND SCRF, SIWF 50-60 TN UNITS WITH 200V ELECTRIC HEATERS.

CN SC6366

10-MAY-11

K. DANIELS

DO NOT SCALE PRINT

DRAWN BY: M. PETERS

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DATE: 26-FEB-98

THIRD ANGLE PROJECTION

200V, 460, 575V/60HZ/3PH
SCWF, SIWF, 20-80T & SCRF, SIRF 20-60T

SCHEMATIC WIRING DIAGRAM
COMMERCIAL SELF CONTAINED,

2307-8251 SHEET 1 OF 5